



DEPARTMENT OF THE NAVY  
SPACE AND NAVAL WARFARE SYSTEMS COMMAND  
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SPAWARINST 4400.13A  
SPAWAR 05L2  
18 MARCH 1998

SPAWAR INSTRUCTION 4400.13A

From: Commander, Space and Naval Warfare Systems Command

Subj: MATERIAL SUPPORT DATE (MSD) MANAGEMENT

Ref: (a) NAVSUPINST 4400.93  
(b) NAVSUPINST 4420.36A

Encl: (1) Checklist for Establishing Material Support Date  
(2) Example Worksheet for Establishing Material Support Date

1. Purpose. To provide policy, procedures and delineate responsibilities for establishing, coordinating and documenting the MSD for Space and Naval Warfare Systems Command (SPAWAR) systems/equipment.

2. Cancellation. SPAWARINST 4400.13 of 26 July 1989 is cancelled.

3. Definition. The MSD is the date the Program Support Inventory Control Point (PSICP) provides the full range and depth of secondary items (spare and repair parts) for organizational, intermediate, and depot support.

4. Background

a. The MSD serves as the point of demarcation between interim and supply system spare and repair parts support. It is used to establish SPAWAR and the PSICP spares budgets and the Naval Sea Systems Command Active Fleet Outfitting Account in compliance with references (a) and (b).

b. Supply support for a system/equipment is the responsibility of the Program Manager (PMW) and encompasses both outfitting (retail) and replenishment of spare and repair parts (wholesale). Prior to the MSD, supply support is accomplished using Interim Supply Support (ISS) procedures. At MSD this responsibility is effected through the PSICP using supply system procedures. Program Support Data (PSD) serves to establish budget requirements for ISS, communicate SPAWAR supply support planning to the PSICP for Navy Stock Fund budget development and to NAVSEA for COSAL outfitting requirements.

c. The MSD is established based upon projected dates for procurement and delivery of spare and repair parts necessary for full supply support. Full supply support occurs when spare and repair parts to support a system or equipment are available through the Navy supply system.

18 MARCH 1998

d. The normal time required to achieve an MSD is a provisioning lead time after the Navy has accepted the Provisioning Technical Documentation (PTD). The provisioning lead time consists of PTD processing and the time required to buy, produce and receive spare and repair parts from the manufacturer.

e. The SPAWAR Supply Support Execution Analysis (SSEA) management information system (resident at NAVSEALOGCEN) provides the status of provisioning and supply support milestones affecting MSD. The SSEA data will be accessible via the ICPNET September 1989.

5. Policy. It is the policy of the Commander, Space and Naval Warfare Systems Command that:

a. SPAWAR equipment be supported through the Navy supply system to the maximum extent possible.

b. Material support dates be coordinated with the supply system, established, and then published in the appropriate ILS documentation.

c. The MSD be currently maintained in program support data and all logistics planning documentation.

d. Secondary item support be planned, programmed and budgeted according to reference (b).

6. Procedures

a. The MSD is to be coordinated with the PSICP and established based upon PTD delivery/acceptance schedules and the requisite provisioning lead time. Enclosure (1) is a checklist for establishing MSD milestones. Enclosure (2) is an example of how to determine an MSD.

b. The following program milestones shall be closely monitored to ensure the achievement of MSD:

(1) Contract award

(2) Provisioning guidance conference

(3) PTD delivery/acceptance

(4) Provisioning conference

(5) Completion of technical coding

(6) Completion of supply management coding

18 MARCH 1998

- (7) PSICP weapon system files load
- (8) PSICP spares procurement
- (9) Receipt of spares in the supply system

Milestone slippage may necessitate MSD revisions affecting budget requirements and supportability goals.

c. Change requests shall be routed via the Naval Supply Systems Command for impact assessment on the Navy Stock Fund.

## 7. Responsibility

### a. SPAWAR 05L2 shall:

- (1) Monitor MSD and assess impact on the Spare and Repair Parts budgets.
- (2) Upon request assist in establishing the MSD, coordinating MSD changes or recommending remedial action when program milestones affecting MSD slip.
- (3) Enter approved MSD changes into the Program Support Data Automated Reporting and Tracking System (PARTS) data base.

### b. Program Directorates (PDs) shall:

- (1) Ensure that a MSD is established and documented for all systems/equipment requiring supply system support.
- (2) Ensure the current MSD is reflected in appropriate logistics documents.

### c. SPAWAR Program Managers (PMWs) shall:

- (1) Coordinate, establish and document the MSD for systems and equipment requiring supply system support.
- (2) Ensure adequate supply system support for systems and equipment managed.
- (3) Record and maintain current the system/equipment MSD in all applicable logistics documents/data bases.
- (4) Monitor program milestones affecting the MSD.
- (5) Identify milestone slippage and initiate action to revise the MSD and notify activities concerned.

(6) Revise PSD sheets to reflect proposed MSD changes and adjust spare and repair parts funding requests accordingly.

8. Action. PDs and SPAWAR 05L2 shall take necessary action to establish, document, monitor and achieve the MSD as planned, programmed and budgeted through PSD.



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CHECKLIST FOR ESTABLISHING MATERIAL SUPPORT DATE

This checklist should be used in determining new or revised MSD.

NOMENCLATURE: \_\_\_\_\_

PSD Ser NO. \_\_\_\_\_

MO/DAY/YEAR

1. Expected SPAWAR Contract Award Date (CAD) / /
  2. Provisioning Technical Documentation (PTD)  
Delivery Date / /
  3. Provisioning Time (in months)
    - a. NAVSEALOGCEN PTD Review and Acceptance \_\_\_\_\_ month(s)
    - b. NAVSEALOGCEN Technical Coding \_\_\_\_\_ month(s)
    - c. NAVICP Supply Management Coding \_\_\_\_\_ month(s)
    - d. Requirements Determination/Buy Initiation \_\_\_\_\_ month(s)
    - e. NAVICP Contracts Administrative Time to  
Obtain Obligations \_\_\_\_\_ month(s)
- Provisioning Time = \_\_\_\_\_ total months

MO/DAY/YEAR

4. Buy Release Date (BRD) = Obligation Date =  
PTD Delivery Date + Total Provisioning Time = / /
5. Production Lead Time (PLT) = \_\_\_\_\_ month(s)
6. Material Delivery Date (MDD) = BRD + PLT = / /
7. MDD + 90 Days = MSD = / /

WORKSHEET FOR ESTABLISHING MATERIAL SUPPORT DATE

This worksheet provides additional guidance to consider when completing the checklist.

NOMENCLATURE: \_\_\_\_\_

PSD Ser NO. \_\_\_\_\_

MO/DAY/YEAR

1. Expected SPAWAR Contract Award Date (CAD) 06/30/87

Is the anticipated CAD reasonably firm? Slippage of this date will likely cause delays in PTD delivery and necessitate the renegotiation of the MSD.

2. PTD Delivery Date 11/30/87

Has sufficient time been allowed from the CAD to allow the contractor to provide acceptable PTD? Most of the time, SPAWAR contracts specify that PTD shall be delivered within X number of days after contract award. This date is probably the single most critical milestone in the establishment and monitoring of MSD. The PTD delivery date should be closely monitored. Any delays in receipt of PTD could delay MSD by a corresponding number of days.

3. Provisioning Time (in months): Do not underestimate the time that it takes to complete the provisioning cycle. This should include all of the time from PTD receipt through the obligation of funds. This time will vary based on the size of the provisioning package. The below example is for an average sized package.

- |   |   |          |
|---|---|----------|
| a. NAVSEALOGCEN PTD Review and Acceptance                     | 1 | month(s) |
| b. NAVSEALOGCEN Technical Coding                              | 3 | month(s) |
| c. NAVICP Supply Management Coding                            | 4 | month(s) |
| d. Requirements Determination/Buy Initiation                  | 2 | month(s) |
| e. NAVICP Contracts Administrative Time to obtain obligations | 9 | month(s) |

4. BRD = PTD delivery date + Provisioning Time = 11/30/87 + 19 months = 6/30/89

5. Production Lead Time (PLT = 24 months)

SPAWARINST 4400.13A  
18 MARCH 1998

Is the PLT on the PSD sheet similar to what is actually being experienced by the contractor on similar equipment? If the PLT doesn't appear reasonable, then the contractor should be contacted and the PLT verified. Do not underestimate the PLT.

6. Material Delivery Date (MDD) = BRD + PLT = 8/30/89 + 22 months = 6/30/91

In a perfect situation, the MDD should be 90 days in advance of the MSD. The 90 days is to allow for the supply system to receive the spares. It also allows for minor delays within ICP controlled milestones without severely affecting support at MSD. At no time should material be delivered earlier than 90 days prior to MSD.